

<b>PTO/SEP 08A</b> Substitute for PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10/674,259		
		Filing Date	37892		
		First Named Inventor	Farris et al.		
		Art Unit	2131		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	26	Attorney Docket	79439

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
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DA		US-5,363,448	11/8/94	Koopman, Jr. et al.	
DA		US-5,369,706	11/29/94	Latka	
DA		US-5,442,341	8/15/95	Lambropoulos	
DA		US-5,444,737	08/22/95	Cripps et al.	
DA		US-5,872,519	02/16/99	Issa et al.	
DA		US-5,937,065	08/10/99	Simon et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>				
DA		DE 42 04 463 A1	08/27/92			
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DA		GB 2 265 482 A	09/29/93			
DA		WO 94/18036	08/18/94			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DA		International Search Report for PCT/US03/25308.	

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DA		US-3,716,865	2/13/73	Willmott	
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DA		DE 32 34 538 A1	03/22/84	Preissinger et al.	
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DA		DE 36 36 822 C1	10/15/87	Keller	

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DA		US-4,078,152	03/07/78	Tuckerman, III	
DA		US-4,138,735	02/06/79	Allocca et al.	
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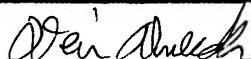
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DA		EP 0 459 781 B1	12/04/91	Bruwer	
DA		FR 2 606 232	05/06/88	Patrick	

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DA		Conner, Doug. <i>Cryptographic Techniques - Secure Your Wireless Designs</i> , pp. 57-68, <i>EDN (Design Feature)</i> , (January 18, 1996)	
DA		Coppersmith, Don. <i>Fast Evaluation of Logarithms in Fields of Characteristic Two</i> , pp. 587-594, <i>IEEE Transactions on Information Theory</i> , IT-30(4), (July 1984)	
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DA		GB 2 133 073 A	07/18/84	Kleefeldt	
DA		GB 2 184 774	07/01/87	King	

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DA		Davies, Donald W. <i>Tutorial: The Security of Data in Networks</i> , pp. 13-17, New York: IEEE, (1981).			
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DA		US-4,581,606	04/08/86	Mallory	
DA		US-4,590,470	05/20/86	Koenig	
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DA		US-4,623,887	11/18/86	Welle, II	
DA		US-4,626,848	12/02/86	Ehlers	
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DA		WO 94/11829	05/26/94	Kowalski et al.	
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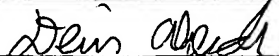
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PTO/SB/08A Substitute for Form PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/674,259
				Filing Date	37892
				First Named Inventor	Farris et al.
				Art Unit	2131
				Examiner Name	Not Yet Assigned
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DA		De Soete, Marijke. <i>Some Constructions for Authentication-Secrecy Codes</i> , pp. 57-75, <i>Advances in Cryptology-Eurocrypt 88</i> , (Undated)	
DA		Diffie, Whitfield and Hellman, Martin E. <i>An RSA Laboratories Technical Note</i> , Version 1.4, (Revised November 1, 1993)	
DA		Diffie and Hellman, <i>Exhaustive Cryptanalysis Of The NBS Data Encryption Standard</i> , pp. 74-84, <i>Computer</i> , (June 1977)	
DA		Diffie, Whitfield and Hellman, Martin E. <i>New Directions in Cryptography</i> , pp. 644-654, <i>IEEE, Transactions on Information Theory</i> , Vol. IT-22, No. 6, (November 1976)	
DA		Diffie, Whitfield and Hellman, Martin E. <i>Privacy and Authentication: An Introduction to Cryptography</i> , pp. 29-33, <i>Proceedings of the IEEE</i> , Vol. 67, No. 3, (March 1979)	
DA		Diffie, Whitfield and Hellman, Martin E. <i>Privacy and Authentication: An Introduction to Cryptography</i> , pp. 397-427, <i>Proceedings of the IEEE</i> , Vol. 67, No. 3, (March 1979)	
DA		Dijkstra, E. W. <i>Co-Operating Sequential Processes</i> , pp. 43-112, <i>Programming Languages</i> , F. Genuys. NY, (Undated)	
DA		Dijkstra, E. W. <i>Hierarchical Ordering of Sequential Processes</i> , pp. 115-138, <i>Acta Informatica</i> 1, (1971)	
DA		ElGamal, Taher. <i>A Public Key Cryptosystem and a Signature Scheme Based on Discrete Logarithms</i> , pp. 469-472, <i>IEEE, Transactions on Information Theory</i> , Vol. IT-31, No. 4, (July 1985)	
Examiner Signature			Date Considered 10/26/2006

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				First Named Inventor	Farris et al.
				Art Unit	2131
				Examiner Name	Not Yet Assigned
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
DA		US-4,630,035	12/16/86	Stahl et al.	
DA		US-4,633,247	12/30/86	Hegeler	
DA		US-4,638,433	01/20/87	Schindler	
DA		US-4,646,080	02/24/87	Genest et al.	
DA		US-4,652,860	03/24/87	Weishaupt et al.	
DA		US-4,670,746	06/02/87	Taniguchi et al.	
DA		US-4,686,529	08/11/87	Kleefeldt	
DA		US-4,695,839	09/22/87	Barbu et al.	
DA		US-4,703,359	10/27/87	Rumbolt et al.	
DA		US-4,710,613	12/01/87	Shigenaga	
DA		US-4,716,301	12/29/87	Willmott et al.	
DA		US-4,720,860	01/19/88	Weiss	
DA		US-4,723,121	02/02/88	van den Boom et al.	
DA		US-4,731,575	03/15/88	Sloan	

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		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>3</sup>			

Examiner Signature	<i>John A. [Signature]</i>	Date Considered	10/26/2006
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DA		Feistel, Horst. <i>Cryptography and Computer Privacy</i> , pp. 15-23, Scientific American, Vol. 228, No. 5, (May 1973)			
DA		Feistel, Horst, Notz, Wm. A. and Smith, J. Lynn. <i>Some Cryptographic Techniques for Machine-to-Machine Data Communications</i> , pp. 1545-1554, Proceedings of the IEEE, Vol. 63, No. 11, (November 1975)			
DA		Fenzl, H. and Kliner, A. <i>Electronic Lock System: Convenient and Safe</i> , pp. 150-153, Siemens Components XXI, No. 4, (1987)			
DA		Fischer, Elliot. <i>Uncaging the Hagelin Cryptograph</i> , pp. 89-92, Cryptologia, Vol. 7, No. 1, (January 1983)			
DA		Fragano, Maurizio. <i>Solid State Key/Lock Security System</i> , pp. 604-607, IEEE Transactions on Consumer Electronics, Vol. CE-30, No. 4, (November 1984)			
DA		Godlewski, Ph. and Camion, P. <i>Manipulations and Errors, Detection and Localization</i> , pp. 97-106, Proceedings of Eurocrypt 88, (1988)			
DA		Greenlee, B. M., <i>Requirements for Key Management Protocols in the Wholesale Financial Services Industry</i> , pp. 22-28, IEEE Communications Magazine, (September 1985)			
DA		Guillou, Louis C. <i>Smart Cards and Conditional Access</i> , pp. 481-489, Proceedings of Eurocrypt, (1984)			

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DA		US-4,737,770	04/12/88	Brunius et al.	
DA		US-4,740,792	06/07/88	Sagey et al.	
DA		US-4,750,118	06/07/88	Heitschel et al.	
DA		US-4,754,255	06/28/88	Sanders et al.	
DA		US-4,755,792	07/07/88	Pezzolo et al.	
DA		US-4,758,835	07/19/88	Rathmann et al.	
DA		US-4,761,808	08/02/88	Howard	
DA		US-4,779,090	10/18/88	Micznik et al.	
DA		US-4,794,268	12/27/88	Nakano et al.	
DA		US-4,794,622	12/27/88	Isaacman et al.	
DA		US-4,796,181	01/03/89	Wiedemer	
DA		US-4,799,061	01/17/89	Abraham et al.	
DA		US-4,800,590	01/24/89	Vaughn	
DA		US-4,802,114	01/31/89	Sogame	

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		First Named Inventor		Farris et al.	
		Art Unit		2131	
		Examiner Name		Not Yet Assigned	
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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DA		Guillou, Louis C. and Quisquater, Jean-Jacques. <i>A Practical Zero-Knowledge Protocol Fitted to Security Microprocessor Minimizing Both Transmission and Memory</i> , pp. 123-128, Advances in Cryptology - Eurocrypt 88, (1988)	
DA		Habermann, A. Nico. <i>Synchronization of Communicating Processes</i> , pp. 171-176, Communications, (March 1972)	
DA		Hagelin C-35/C-36, The, p. 1, (Undated). <a href="http://hem.passagen.se/tan01/C-35.HTML">http://hem.passagen.se/tan01/C-35.HTML</a>	
DA		ISO 8732: 1988(E): <i>Banking Key Management (Wholesale) Annex D: Windows and Windows Management</i> , (November 1988)	
DA		Jones, Anita K. <i>Protection Mechanisms and The Enforcement of Security Policies</i> , pp. 228-251, Carnegie-Mellon University, Pittsburgh, PA, (1978)	
DA		Jueneman, R. R., et al. <i>Message Authentication</i> , pp. 29-40, IEEE Communications Magazine, Vol. 23, No. 9, (September 1985)	
DA		Kahn, Robert E. <i>The Organization of Computer Resources Into A Packet Radio Network</i> , pp. 177-186, National Computer Conference, (1975)	
DA		Keeloq® Code Hopping Decoder, HCS500, pp. 1-25, 1997 Microchip Technology, Inc.	
DA		Keeloq® Code Hopping Encoder, HCS300, pp. 1-20, 1996 Microchip Technology, Inc.	

Examiner Signature	<i>Den Gresh</i>	Date Considered	10/26/2006
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DA		Keeloq® NTQ 105 Code Hopping Encoder, pp. 1-8, Nanotek (Pty.) Ltd., (July 1993).	
DA		Keeloq® NTQ 115 Code Hopping Decoder, pp. 1-8, Nanotek (Pty.) Ltd., (July 1993).	
DA		Keeloq® NTQ 125D Code Hopping Decoder, pp. 1-9, Nanotek (pty.) Ltd., (July 1993).	
DA		Kent, Stephen T. <i>A Comparison of Some Aspects of Public-Key and Conventional Cryptosystems</i> , pp. 4.3.1-5, ICC '79 Int. Conf. on Communications, Boston, MA, (June 1979).	
DA		Kent, Stephen T. <i>Comments on 'Security Problems in the TCP/IP Protocol Suite'</i> , pp.10-19, Computer Communication Review, Vol. 19, Part 3, (July 1989).	
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DA		Kent, Stephen T., et al. Personal Authorization System for Access Control to the Defense Data Network, pp. 89-93, Conf. Record of Eascon 82 15 <sup>th</sup> Ann Electronics & Aerospace Systems Conf., Washington, D.C. (September 1982)	
DA		Kent, Stephen T. Security Requirements and Protocols for a Broadcast Scenario, pp. 778-86, IEEE Transactions on Communications, Vol. com-29, No. 6, (June 1981).	
DA		Konheim, A.G. <i>Cryptography: A Primer</i> , pp 285-347, New York, (John Wiley, 1981)	
DA		Kruh, Louis. <i>Device and Machines: The Hagelin Cryptographer</i> , Type C-52, pp. 78-82, Cryptologia, Vol. 3, No. 2, (April 1979).	
DA		Kruh, Louis. <i>How to Use the German Enigma Cipher Machine: A photographic Essay</i> , pp. 291-296, Cryptologia, Vol. No. 7, No. 4 (October 1983).	
DA		Kuhn, G.J. <i>Algorithms for Self-Synchronizing Ciphers</i> , pp. 159-164, Comsig 88, University of Pretoria, Pretoria, (1988).	
DA		Kuhn, G.J., et al. <i>A Versatile High-Speed Encryption Chip</i> , INFOSEC '90 SYMPOSIUM, Pretoria, (March 16, 1990).	
DA		Lamport, Leslie. <i>The Synchronization of Independent Processes</i> , pp. 15-34, Acta Informatica, Vol. 7, (1976).	

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DA		Linn, John and Kent, Stephen T. <i>Electronic Mail Privacy Enhancement</i> , pp. 40-43, American Institute of Aeronautics and Astronautics, Inc. (1986).	
DA		Lloyd, Sheelagh. <i>Counting Functions Satisfying a Higher Order Strict Avalanche Criterion</i> , pp. 63-74, (1990).	
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DA		McIvor, Robert. <i>Smart Cards</i> , pp. 152-159, Scientific American, Vol. 253, No. 5, (November 1985)	
DA		Meier, Willi. <i>Fast Correlations Attacks on Stream Ciphers</i> (Extended Abstract), pp. 301-314, Eurocrypt 88, IEEE, (1988).	
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DA		Michener, J.R. The 'Generalized Rotor' <i>Cryptographic Operator and Some of Its Applications</i> , pp. 97-113, Cryptologia, vol. 9, No. 2, (April 1985)	
DA		Morris, Robert. <i>The Hagelin Cipher Machine (M-209): Reconstruction of the Internal Settings</i> , pp.267-289, Cryptologia, 2(3), (July 1978).	

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DA		Newman, David B., Jr., et al. "Public Key Management for Network Security", pp. 11-16, IEE Network Magazine, 1987.	
DA		<i>News: Key System for Security</i> , p.38 (April 1982).	
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DA		Postel, Jonathon B., et al. <i>The ARPA Internet Protocol</i> , pp. 261-271, (1981).	
DA		Reed, David P. and Kanodia, Rajendra K. <i>Synchronization with Eventcounts and Sequencers</i> , pp. 115-123, Communications of the ACM, vol. 22, No. 2, (February 1979).	
DA		Reynolds, J. and Postel, J. <i>Official ARPA-Internet Protocols, Network Working Groups</i> , (April 1985)	

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DA		Ruffell, J. <i>Battery Low Indicator</i> , p. 15-165, Eleckton Electronics, (March 1989. (See p. 59).	
DA		<i>Saab Anti-Theft System: Saab's Engine Immobilizing Anti-Theft System is a Road-Block for 'Code-Grabbing' Thieves</i> , pp. 1-2, (Undated).	
DA		Savage, J.E. <i>Some Simple Self-Synchronizing Digital Data Scramblers</i> , pp. 449-498, The Bell System Tech. Journal, (February 1967)	
DA		Seberry, J. and Pieprzyk, <i>Cryptography - An Introduction to Computer Security</i> , (Prentice Hall of Australia, YTY LTD, 1989)	
DA		<i>Secure Terminal Interface Module for Smart Card Applications</i> , pp. 1488-1489, IBM: Technical Disclosure Bulletin, Vol. 28, No. 4, (September 1985).	
DA		Shamir, Adi. <i>Embedding cryptographic Trapdoors In Arbitrary Knapsak Systems</i> , pp. 81-85, IEEE Transactions on Computers, Vol C-34, No. 1, (January 1985).	
DA		Siegenthaler, T. <i>Decrypting a Class of Stream Ciphers Using Ciphertext Only</i> , pp. 81-85, IEEE Transactions on Computers, Vol. C-34, No. 1, (January 1985).	
DA		Simmons, Gustavus, J. <i>Message Authentication with Arbitration of Transmitter/Receiver Disputes</i> , pp. 151-165 (1987).	
DA		Smith, J.L. <i>The Design of Lucifer: a Cryptographic Device for Data Communications</i> , pp. 1-65, (April 15, 1971).	

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PTO/SB/08A Substitute for Form PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/674,259
				Filing Date	37892
				First Named Inventor	Farris et al.
				Art Unit	2131
				Examiner Name	Not Yet Assigned
Sheet	24	of	26	Attorney Docket	79439

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup>			
DA		US-5,657,388	08/12/97	Weiss	
DA		US-5,686,904	11/11/97	Bruwer	
DA		US-5,778,348	07/07/98	Manduley et al.	
DA		US-5,898,397	04/27/99	Murray	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>				


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DA		Smith, J.L., et al. <i>An Experimental Application of Crptography to a Remotely Accessed Data System</i> , pp. 282-297, Proceedings of the ACM, (August 1972).	
DA		Svigals, J. <i>Limiting Access to Data in an Identification Card Having A Micro-Processor</i> , pp. 580-581, IBM: Technical Disclosure Bulletin, Vol. 27, No. 1B, (June 1984).	
DA		<i>Transaction Completion Code Based on Digital Signatures</i> , pp. 1109-1122, IBM: Technical Disclosure Bulletin, vol. 28, No. 3, (August 1985)	
DA		Turn, Rein. <i>Privacy Transformations for Databank Systems</i> , pp. 589-601, National Computer Conference, (1973).	
DA		Voydock, Victor L. and Kent, Stephen T. <i>Security in High-Level Network Protocols</i> , pp. 12-25, IEEE Communications Magazine, Vol. 23, No. 7, (July 1985).	
DA		Voydock, Victor L. and Kent, Stephen T. <i>Security Mechanisms in a Transport Layer Protocol</i> , pp. 325-341, Computers & Security, (1985).	
DA		Voydock, Victor L. and Kent, Stephen T. <i>Security Mechanisms in High-Level Network Protocols</i> , pp. 135-171, Computing Surveys, vol. 15, No. 2 (June 1983).	
DA		Watts, Charles and Harper John. <i>How to Design a HiSec™ Transmitter</i> , pp. 1-4, National Semiconductor, (October 1994).	
DA		Weinstein, S.B. <i>Smart Credit Cards: The Answer to Cashless Shopping</i> , pp. 43-49, IEEE Spectrum, (February 1984).	

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DA		Weissman, C. <i>Security Controls in the ADEPT-50 Time-Sharing System</i> , pp. 119-133, AFIPS Full Joint Computer Conference, (1969).	
DA		Welsh, Dominic, <i>Codes and Cryptography</i> , pp. 7.0-7.1, (Clarendon Press, 1988).	

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